

ABSTRACT

A ventilation unit for a motor vehicle is provided comprising a housing with air ducts for supplying air through panel openings into the interior of the vehicle. At least one draft tube is disposed in the housing adjacent said panel openings, where the at least one draft tube includes an outlet slot arranged to be exposed to the air stream exiting the panel openings. The draft created by the air stream crossing over the slot draws hot air from the interior of the draft tube to be mixed with the exiting air stream. The amount of drafting created by the air stream depends on the velocity of the exiting airflow. This relationship in turn makes the ventilation unit of the present invention perform as a passive device.